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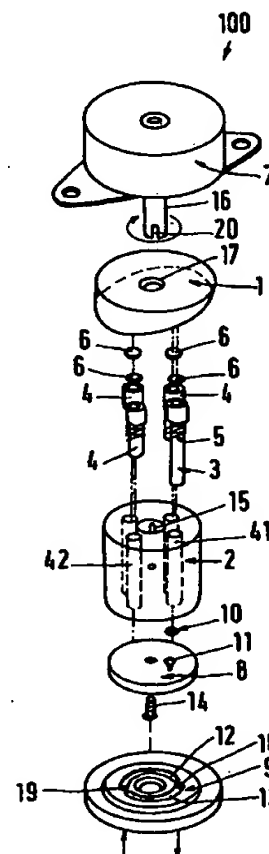
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(21) International Application Number: PCT/DK96/00302 (22) International Filing Date: 4 July 1996 (04.07.96) (30) Priority Data: 195 25 852.5 ✓ 15 July 1995 (15.07.95) DE (71) Applicant (for all designated States except US): DANFOSS A/S [DK/DK]; DK-6430 Nordborg (DK). (72) Inventors; and (75) Inventors/Applicants (for US only): <u>PLOUG, Ole</u> [DK/DK]; Tunet 41, DK-3450 Allerød (DK). <u>POULSEN, Jakob, Bøgh</u> [DK/DK]; Sjøllandsgade 41, DK-2200 København N (DK). <u>ENGGAARD, Christian, Peter</u> [DK/DK]; Lemkær 4, Kirke-Hørup, DK-6470 Sydals (DK). (74) Common Representative: DANFOSS A/S; Patent Dept., DK-6430 Nordborg (DK).		(81) Designated States: AM, AT, AU, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KR, KZ, LT, LU, LV, MD, MK, MX, NO, NZ, PL, PT, RO, RU, SE, SG, SI, SK, TR, UA, US, UZ, VN, Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>

(54) Title: AXIAL PISTON MICROPUMP**(57) Abstract**

An axial piston micropump (100) is disclosed, having a cylinder drum (2), in which several cylinders (41, 42) are provided, and a swash plate (1), with respect to which the cylinder drum (2) is rotatable. It is desirable for such a micropump to have a small displacement combined with a long service life and in which the displacement or delivery volume can be achieved with great accuracy. For that purpose, at least two cylinders (41, 42) are provided, of which at least one is in the form of a working cylinder (41) which has an associated working piston (3), whilst at least one other cylinder is in the form of a balance cylinder (42) and has an associated balance piston (4).



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